

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

10/536906

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
10 June 2004 (10.06.2004)

PCT

(10) International Publication Number
WO 2004/048294 A1

- (51) International Patent Classification⁷: C04B 41/90, (74) Agent: ALBIHNS STOCKHOLM AB; P.O.Box 5581, Linnégatan 2, S-114 85 Stockholm (SE).
- (21) International Application Number: PCT/EP2002/013364
- (22) International Filing Date: 27 November 2002 (27.11.2002)
- (25) Filing Language: English
- (26) Publication Language: English
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- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: METHOD FOR PRODUCING A REFRACTORY COMPOSITE MATERIAL

(57) Abstract: The present invention relates to producing refractory composite materials, practically poreless, and can be used for production of composite articles with increased size stability, wear resistance, high specific physico-mechanical properties and hardness, production of wear-resistant inserts in components and materials for tribo-technical purposes as well. The present method for producing a refractory composite material includes the steps of infiltration of a porous carbide work-piece by a metal resulting in preparation of an intermediate body, which is additionally treated in substitution of the metal in the intermediate body by the metal from the melt. The present invention extends the series of metals, which can be introduced in composition of composite materials, and thus extends the application area of composite materials of this type.

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